

9853 Pacific Heights Blvd. Suite D. San Diego, CA 92121, USA Tel: 858-263-4982

Email: info@abeomics.com

35-1094: Polyclonal Antibody to p53 (Phospho-Ser33)

Clonality: Polyclonal
Application: WB,IF
Reactivity: Human
Gene: TP53
Gene ID: 7157
Uniprot ID: P04637
Format: Purified

Alternative Name: P53,BCC7,LFS1,TRP53

Isotype: Rabbit IgG

Immunogen Information: Peptide sequence around phosphorylation site of serine 33 (V-L-S(p)-P-L) derived from Human

p53.

Description

Acts as a tumor suppressor in many tumor types; induces growth arrest or apoptosis depending on the physiological circumstances and cell type. Involved in cell cycle regulation as a trans-activator that acts to negatively regulate cell division by controlling a set of genes required for this process. One of the activated genes is an inhibitor of cyclin-dependent kinases. Apoptosis induction seems to be mediated either by stimulation of BAX and FAS antigen expression, or by repression of Bcl-2 expression. Implicated in Notch signaling cross-over. Lin T, et al. (2005) Nat Cell Biol; 7(2): 165-71. Vega FM, et al. (2004) Mol Cell Biol; 24(23): 10366-80. Li J, et al. (2004) J Biol Chem; 279(40): 41275-9. Wang J, et al. (2004) J Biol Chem; 279(38): 39584-92.

Product Info

Amount : 50 μl / 100 μl

Content: Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM

NaCl, 0.02% sodium azide and 50% glycerol.

Storage condition : Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid

repeated freeze and thaw cycles.

Application Note

Predicted MW: 53kd, Western blotting: 1:500~1:1000, Immunofluorescence: 1:100~1:200

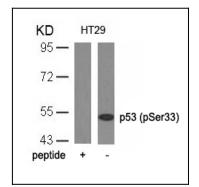


Figure 1: Western blot analysis of extracts from HT29 cells using p53(Phospho-Ser33) Antibody 35-1094 and the same antibody preincubated with blocking peptide.



9853 Pacific Heights Blvd. Suite D. San Diego, CA 92121, USA Tel: 858-263-4982

Email: info@abeomics.com

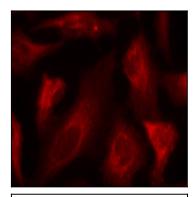


Figure 2: Immunofluorescence staining of methanol-fixed Hela cells using p53(Phospho-Ser33) Antibody 35-1094.

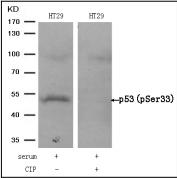


Figure 3: Western blot analysis of extracts from HT29 cells, treated with serum or calf intestinal phosphatase (CIP), using p53 (Phospho-Ser33) Antibody 35-1094.